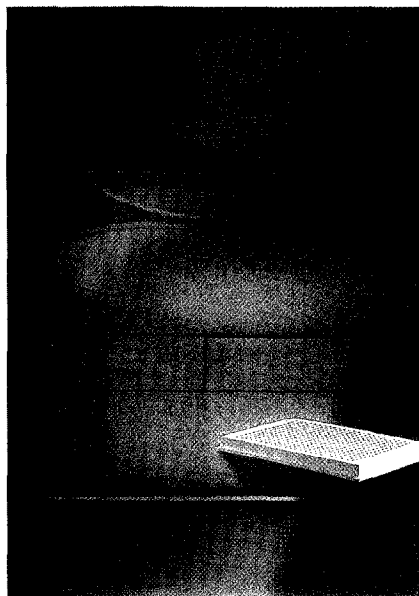


## Product News

### Making the most of luminescence applications

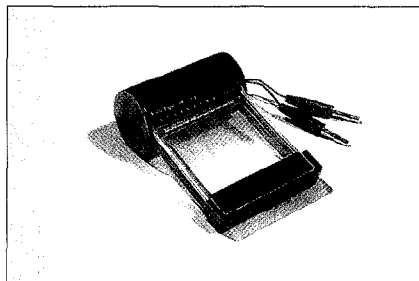


Incorporating state-of-the-art optical design and the latest in software advances, the new **Luminoskan Ascent**

from **Labsystems Oy** is a highly flexible luminometer. Ideal for both the measurement of glow and flash type reactions, the Luminoskan Ascent can be used for applications such as DNA hybridisation studies based on luminescent enzyme substrate. Optical filters can be placed between the sample and detector if needed. Controlled microplate reactions are made possible by the incorporation of up to three on-board dispensers. These dispensers can deliver reagents in 5  $\mu$ l increments over an adjustable volume of 5–1000  $\mu$ l. To maintain optimum reaction conditions the Luminoskan Ascent incorporates a precise temperature-controlled incubator with built in orbital shaker ensuring effective reagent mixing at variable speed and amplitude.

Circle number 1 on reader response card.

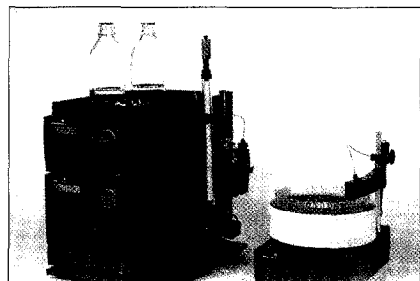
### Convenient electrophoresis



**E-Gels™** are bufferless, precast agarose gels specifically designed for fast and convenient electrophoresis. From **Invitrogen**, E-Gels™ offer a complete electrophoresis system because they are both gels and electrophoresis units. Agarose, electrodes, and ethidium bromide are all packaged inside a dry, disposable, UV-transparent cassette. This offers one-step electrophoresis and staining with excellent resolution in just 35 minutes. E-Gels™ are supplied in 12-well minigel format with 1.2%, 2.0% and 4% agarose concentrations.

Circle number 2 on reader response card.

### Protein purification



Fast and reliable laboratory scale protein purification ( $\mu$ g to mg) has just undergone a second revolution. This follows the launch of **ÅKTA<sup>®</sup>FPLC<sup>®</sup>**, the latest member of the **ÅKTA<sup>®</sup>design** family from **Amersham Pharmacia Biotech**. **ÅKTA<sup>®</sup>FPLC** has been optimised for use with all aqueous chromatographic techniques such as ion exchange chromatography. It has a unique 'gate', a built-in rack that can hold a wide range of columns, flow cells and other accessories. A variety of detection strategies can be used.

Circle number 3 on reader response card.

### In Brief

#### Labeling DNA fragments

The **HotPrime™** kit for radioactively labeling DNA fragments is now available from **GenHunter**. This kit allows for labeling DNA probes with up to ten times more specific radioactivity than the traditional random priming method. The kit is designed to maximise the sensitivity of traditional northern or Southern blot analysis by first using random decamers instead of hexomers; and second by incorporating anchored oligo-dT primers into the labeling buffer which ensures the full-length antisense cDNA probes to be labeled if necessary; and third by using radioactive  $\alpha$ -dATP instead of  $\alpha$ -dCTP to take advantage of the AT-rich nature of 3' untranslated regions of mRNA.

Circle number 4 on reader response card.

#### Java Beans for chemists

**Cherwell Scientific** has announced the first release of **ChemSymphony Beans** – a suite of tools for builders of intranets with chemical content. The toolkit adopts a common architecture and has been designed to encourage object-oriented approaches to programming and data management. The first release consists of over 30 Beans which perform many of the most commonly needed chemical information processing tasks. There are Beans for drawing and editing molecular structures, for generating search strings, for translating file formats, and for connectivity with other intranet resources.

Circle number 5 on reader response card.

#### Easy access for gene seekers

The Human Genome Meeting in Turin saw the launch of **Derwent GENESEQ** in flat file (EMBL) format. This latest development enables integration of this unique database, containing nucleic acid and amino acid sequence information from patents, into in-house bioinformatics systems. **GENESEQ** enables research scientists to obtain valuable, specific data from over 270,000 sequence records gleaned from patents from 40 patent-issuing authorities worldwide.

Circle number 6 on reader response card.

#### Color imager

The **SpectraImager™** introduces 24-bit color and 1600×1200 resolution to **Alpha Innotech** imaging platforms. Centered on a CCD camera, **SpectraImager™** features 16.7 million colors as well as 256 gray-scales with 1,920,000 pixels for exceptional high resolution and color acuity. It is a complete imaging system designed to document, archive and analyze various biological samples in outstanding color or gray-scales. The **AlphaEase™** software package is featured.

Circle number 7 on reader response card.